

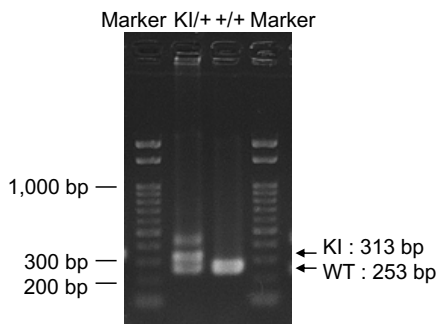
PCR protocol

RBRC 10920

[illegible]

Reagent	Conc	Reaction 1	2	3	4
H ₂ O		1.8			(μL)
PCR buffer	2 X	10.0			
dNTP	2.0 mM	4.0			
primer 1	10 pmol/μl	1.0			
primer 2	10 pmol/μl	1.0			
primer 3	10 pmol/μl	1.0			
DNA		1.0			
Taq	1 U/μl	0.2			
					Mari
					Gel
	total	20			

Marker Gene Ladder 100 (Wako, Cat. 316-06951)



primer_set		product_size	product (allele type)	
primer 1	primer 2	253 bp	WT	+/+ : 253 bp
primer 1	primer 3	313 bp	KI	KI/+ : 253 bp, 313 bp

Novagen KOD Xtreme™ Hot Start DNA Polymerase can be purchased from EMD.